

CT2.2 - UTILIZATION AND REMOVAL OF INCLUDED TIMBER (09/2002)

BT2.2(b) notwithstanding, bucking lengths shall be varied to ensure that the maximum sawlog piece that may be left is 2 feet and that the maximum small roundwood piece that may be left is 5 feet.

Where cut trees are identified by paint, the Purchaser shall leave stumps of a minimum height to avoid obliterating paint markings that indicate individual trees to be cut.

CT2.302# - PAYMENT UNIT BOUNDARIES (09/2004)

The boundaries of Payment Units are designated as shown in the following table. The trees used for boundary designation are not to be cut.

See Table CT2.302# - Payment Unit Boundaries, Payment Unit Boundary Designation Table

Payment Unit Boundary Designation Table

Payment Unit	Paint Color	Designation
1 - 2	Orange	Boundary line trees are marked at eye level with three (3) horizontal slash marks, facing to the interior of the Payment Unit, and a spot at ground level. Where open system roads coincide with payment unit boundaries, the orange painted boundaries may not be present and the road itself is the indicator of that boundary.

CT2.355# - INDIVIDUAL TREES (08/2004)

BT2.35 notwithstanding, the following individual trees are Marked with paint above and below stump height:

Cut Tree Marking. Individual trees to be cut are Marked in all or parts of the following Payment Units. Areas of cut tree marking are shown on the Sale Area Map with the symbol CTM.

See Table CT2.355# - Individual Trees, Cut Tree Marking

Leave Tree Marking. Individual trees to be left uncut are Marked in all or parts of the following Payment Units. Unmarked trees meeting Utilization Standards in AT2 shall be cut. Areas of leave tree marking are shown on the Sale Area Map with the symbol LTM.

See Table CT2.355# - Individual Trees, Leave Tree Marking

INDIVIDUAL TREES

Cut Tree Marking. Individual trees to be cut are Marked in all or parts of the following Payment Units. Areas of cut-tree marking are shown on the Sale Area Map with symbol CTM.

Payment Unit(s)
1
2

Paint Color
Blue
Blue

LEAVE TREE MARKING

Leave Tree Marking. Individual trees to be left uncut are Marked in all or parts of the following Payment Units. Unmarked trees meeting Utilization Standards in AT2 shall be cut. Areas of leave tree marking are shown on the Sale Area Map with symbol LTM.

Payment Unit(s)
N/A

Paint Color

CT4.211 - DOWNPAYMENT (06/2007)

The downpayment amount shown in AT15 may not be applied toward any other payment required under the provisions of this contract, except damages determined pursuant to BT9.4, transferred to other timber sales, or refunded until (a) stumpage value representing 25 percent of the total bid value of the timber sale is shown on Timber Sale Account to have been cut, removed, and paid for, or (b) the estimated value remaining to be cut and removed, as shown on Timber Sale Account, is equal to or less than the amount of the downpayment, or (c) if 36 CFR 223.49(e) is applicable, the estimated value remaining to be cut and removed, as shown on Timber Sale Account, is equal to or less than the amount of the downpayment. For lump sum timber sales, the downpayment may be applied to payment for release of the single payment unit.

If Forest Service makes a determination that this contract should not have been included under increased downpayment requirements (36 CFR 223.49(e)), the downpayment shall be revised and applied in accordance with 36 CFR 223.49(f).

CT4.212 - TEMPORARY REDUCTION OF DOWNPAYMENT (08/2009)

Notwithstanding BT4.211 or CT4.211, upon the Purchaser's written request Forest Service may temporarily reduce the downpayment when Purchaser's scheduled operations are delayed or interrupted for 30 or more consecutive days, or the contract term is extended for 30 or more consecutive days for any of the following reasons:

- (1) Forest Service requests or orders Purchaser to delay or interrupt scheduled operations for reasons other than breach;
- (2) Purchaser interrupts or delays scheduled operations to work on a sale designated by the Forest Service as in urgent need of harvesting; or
- (3) An adjustment of the contract term authorized upon a determination of substantial overriding public interest, including a market-related contract term addition, or an urgent removal contract term extension under 36 CFR 223.53.

When Purchaser is not cutting or removing timber under contract during a qualifying period of delay, interruption, or extension listed above the downpayment may be reduced to \$1000 or 2 percent of the downpayment amount stated in the contract, whichever is greater. The Purchaser must restore the downpayment to the full amount stated in the contract within 15 days from receipt of the bill for collection and written notice from the Contracting Officer that the basis for temporarily reducing the downpayment no longer exists. Purchaser shall not cut or remove timber on a contract where the downpayment has been temporarily reduced until the downpayment amount stated in the contract is fully restored.

CT5.31# - ROAD MAINTENANCE REQUIREMENTS (07/2001)

Purchaser shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

See Contract Road Maintenance Requirements Summary Table.

Contract Road Maintenance Requirements Summary

Road	Termini		Miles	Applicable Prehaul Road Maintenance Specifications									
	From	To											

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Road	Termini		Miles	Applicable During Haul Road Maintenance Specifications									
	From	To		1030	1040								
550-B	0.0	2.6	2.6	D	D								
561	0.0	1.0	1.0	D	D								

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Road	Termini		Miles	Applicable Post Haul Road Maintenance Specifications									
	From	To		1020	4050								

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

1030 = Surface Blading (gravel)

1040 = Spot Surfacing (gravel)

3020 = Ditch Cleaning

4020 = Roadway Mowing and Cleaning

CT5.32# - ROAD MAINTENANCE DEPOSIT SCHEDULE (07/2001)

Other provisions herein notwithstanding, when Forest Service requests payment in lieu of Purchaser's performance of road maintenance, Purchaser shall make Required Deposits (16 USC 537) for current and/or deferred road maintenance. Such deposits are based on the estimated volume and distance hauled and Purchaser's commensurate use of each road listed in the Road Maintenance Plan in CT5.31#.

Purchaser and Forest Service may agree in writing on adjustment of such rates. If Purchaser uses roads under jurisdiction of Forest Service other than those listed in the Road Maintenance Plan, Forest Service shall establish rates commensurate with Purchaser's use of such roads.

The Required Deposits for Forest Service work in lieu of Purchaser performance and for deferred maintenance is: \$.19 per CCF.

The following table lists who Purchaser will make deposits for road maintenance to, and the rate per unit of measure of the deposit. The Road Maintenance Agreement is available for inspection at the Forest Supervisor's office.

Deposit Made To	Rate	Unit of Measure
<hr/>		
N/A		

CT6.24# - SITE SPECIFIC SPECIAL PROTECTION MEASURES (04/2004)

Special protection measures needed to protect known areas identified on Sale Area Map or on the ground include:

Cultural Resource Protection Measures: Areas within the unit boundary that are designated with three orange stripes must be avoided by equipment and falling trees.

Wildlife and Botanical Protection Measures: Not Applicable

Cave Resource Protection Measures: Not Applicable

CT6.601# - REVEGETATION PLAN AND SPECIFICATIONS (08/2006)

Where soil has been disturbed by Purchaser's operations and vegetation is needed to minimize erosion, Purchaser shall take appropriate measures according to the following specifications or other agreed stabilization measures:

Temporary road cuts, fill slopes, and shoulders shall be seeded and fertilized within 15 days of construction during the seeding season(s).

Temporary road surfaces, landings, and skid trails shall be seeded when not to be used for a period exceeding 60 days during the seeding season(s).

Temporary road cuts, fill slopes, and other soil disturbance within 25 feet slope distance of a streamcourse shall be seeded and mulched within 3 days of the disturbance.

Exposed soil on temporary roads, skid trails and landings no longer needed for the Purchaser's operations shall be seeded and fertilized within 30 days of discontinued use during the seeding season(s). Soil tilling to cover seed may be required under dry site conditions.

Bare areas or roads with soil compaction will require harrowing, disking or ripping. Fertilizer shall be applied and mixed thoroughly with the soil prior to seeding. Due to compaction, it may be necessary to till the soil to a depth of 6 inches or more.

The seeding season(s) shall be during the inclusive listed below, unless otherwise agreed.

See CT6.601# - Revegetation Plan and Specifications, Seeding Season(s) Table

The following kinds and amounts per acre of seed and fertilizer shall be applied, unless otherwise agreed:

See CT6.601# - Revegetation Plan and Specifications, Fertilizer and Seed Table

Not Applicable Mulch at the rate of 0 pounds per acre shall be applied. The Forest Service will identify the areas where mulch is required in addition to those specified elsewhere in this contract. Hay, straw, pine straw or shredded bark or other mulch acceptable to the Forest Service may be used as mulching material.

Applicable The Forest Service shall agree to the timing of the seeding operations.

Applicable Seeding operations shall not begin without the presence of a Forest Service representative.

Not Applicable Other revegetation specification: Not Applicable

If the Forest Service performs such work as provided under a written cooperative agreement (16 U.S.C. 572), the Purchaser shall make the following deposit:

See CT6.601# - Revegetation Plan and Specifications, Cooperative Deposit Table

Revegetation Plan and Specifications

Seeding Season

Season 1	From Date	To Date
Season 2	March 15	May 15
	September 15	November 15

Seeding Table

Season 1			
Fertilizer	Pounds/Acre	Seed	Pounds/Acre
17-17-17	400	Wheat	50
		Rye	50
		Clover	10

Season 2			
Fertilizer	Pounds/Acre	Seed	Pounds/Acre
17-17-17	400	Wheat	50
		Rye	50
		Clover	10

Cooperative Deposit Table -Seeding

Lump Sum Amount
\$2,792.68

Amount Per Unit of Volume
N/A

Cooperative Deposit Table -Waterbars

Lump Sum Amount
\$487.50

Amount Per Unit of Volume
N/A

Sale Name: LC Zebra

CT6.7# - SLASH TREATMENT (08/2004)

Slash is defined as all vegetative debris resulting from the Purchaser's operations, including limbs, tops, cull logs, bark, wood chunks, pushed-out stumps, damaged brush, and damaged residual trees. Tops from felled trees and all trees to be removed from roads, landings, or other construction clearings shall be completely felled and not left leaning or hanging in other trees. Slash associated with construction of Specified Roads is construction slash subject to treatment according to road construction specifications.

Other Ownership. The Purchaser shall conduct operations so that slash does not enter non-National Forest System lands, as shown on Sale Area Map. In event slash is deposited on other ownership, the Purchaser shall immediately remove such slash. The Contracting Officer may agree in writing to other treatment requirements if the Purchaser provides a written slash disposal agreement between the Purchaser and the landowner.

Roads and Other Clearings. Along roads available for public use the Purchaser shall immediately remove slash from traveled surfaces, shoulders, and drainage facilities. Other slash along roads available for public use and all slash along roads not available for public use shall be removed from the clearing limits within four days after adjacent skidding or yarding to each landing is complete. In areas where skidding or yarding is delayed or interrupted, slash shall be removed within ten days after being created.

Trails open to public use shall be kept free of slash. Slash within the clearing limits of powerlines, telephone lines, pipelines, and similar clearings shall be removed within ten days after adjacent skidding or yarding to each landing is substantially complete.

Slash removed from roads and other clearings shall be scattered outside the clearing limits, or otherwise disposed of as agreed. The time requirements for completion of slash removal may be changed by written agreement, except where immediate removal is required.

Other Treatment Areas. The Purchaser shall complete slash treatment in other areas as described below. The Forest Service and the Purchaser shall jointly agree to a schedule for completion of such slash treatment, which shall be included in the Purchaser's Annual Operating Schedule required under BT6.31.

Applicable At or adjacent to log landings, delimbing areas, and similar areas of slash accumulation within all payment units, concentrations of slash greater than 2 feet in height and 8 feet in length, measured at greatest distances, shall be scattered across the unit. All slash from around the limbing gate and deck must be hauled back and scattered across the unit as operations progress. The deck must be pushed clean and debris scattered throughout the unit before the payment unit will be accepted by the Forest Service.

Slash treatments described below are required at locations shown on the Sale Area Map by the following symbols:

See Table CT6.7# - Slash Disposal, Slash Disposal Requirements Table

Sale Name: LC Zebra

CT 6.7

Slash Treatment

Map Symbol	Title	Treatment
s s s s s	Slash Treatment Zone	Within areas along roads, trails, streamcourses, waterfronts, overlooks, or other sites, the Purchaser shall lop and scatter all slash to lie within 2 feet of the ground. The boundary of said treatment zone is designated on the ground, or in the asbsence of such designation, shall be 50 feet measured from the edge of the clearing limit or other feature.

Sale Name: LC Zebra

CT6.8 - MEASURING (08/2001)

The estimated quantity of timber has been determined by tree measurement in accordance with the methods described in the Timber Cruising Handbook (FSH 2409.12), a copy of which may be examined in the Forest Supervisor's or the Ranger's Offices.

CT7.201 - TRUCK, TRACTOR AND POWER SAW MUFFLERS (08/2001)

Effective muffler systems installed by the manufacturer as standard equipment shall be maintained on exhausts of trucks, power saws and other internal combustion engines used in the Purchaser's Operations.

CT7.202# - FIRE FIGHTING EQUIPMENT (08/2001)

When the Forest Service advises the Purchaser that local fire weather conditions are becoming critical, the Purchaser shall keep with gasoline chain saws at all times a dry chemical fire extinguisher or a rake and shovel. and take precautionary measures requested by the Forest Service. The Purchaser shall act as custodian of fire fighting equipment furnished by the Forest Service. Equipment shall be stored in sealed boxes provided for this purpose and shall be transported to locations in the immediate vicinity of current logging and milling operations on Sale Area. The Forest Service shall be reimbursed for any damage to or loss of fire fighting equipment furnished by the Forest Service, which occurs on Negligently-Caused Fires or as a result of using equipment for unauthorized purposes.

CT7.22 - EMERGENCY FIRE PRECAUTIONS (08/2001)

The Purchaser shall limit or restrict operations in accordance with the Fire Danger Rating schedule shown below. The Forest Service will determine Fire danger ratings by using the National Fire Danger Rating System.

The Forest Service shall notify the Purchaser of predicted fire danger that may limit or restrict operations. In all cases, the actual weather elements shall govern over the predicted weather elements in determining Fire Danger. Fire danger ratings are based on a severity index from A (low) to E (highest).

Fire Danger Rating:	Limitations or Restrictions on Purchaser Operations:
A to C:	Normal fire precautionary operations
C+ to D (Very High)	Forest Service may suspend any or all of Purchaser's operations.
E (Extreme)	In addition to above restrictions, internal combustion engines or other spark-producing equipment shall not be operated within any areas of the timber sale without specific written approval by the Forest Service.

Sale Name: LC Zebra

CT8.212 - MARKET-RELATED CONTRACT TERM ADDITION (11/2008)

The term of this contract may be adjusted when a drastic reduction in wood product prices has occurred in accordance with 36 CFR 223.52. The Producer Price Index used to determine when a drastic reduction in price has occurred is stated in AT17. Purchaser will be notified whenever the Chief determines that a drastic reduction in wood product prices has occurred. If the drastic reduction criteria specified in 36 CFR 223.52 are met for 2 consecutive calendar quarters, after contract award date, Contracting Officer will add 1 year to the contract term, upon Purchaser's written request. For each additional consecutive quarter such a drastic reduction occurs, Contracting Officer will, upon written request, add an additional 3 months to the term during Normal Operating Season, except that no single 3-month addition shall extend the term of the contract by more than one year. Contracting Officer must receive Purchaser's written request for a market-related contract term addition before the expiration of this contract.

No more than 3 years shall be added to a contract's term by market-related contract term addition unless the following conditions are met:

(i) The sale was awarded after December 31, 2006; and

(ii) A drastic reduction in wood product prices occurred in at least ten of twelve consecutive quarters during the contract term, but not including the quarter in which the contract was awarded.

For each qualifying quarter meeting the criteria in paragraphs (i) and (ii) of this provision, the Forest Service will, upon the Purchaser's written request, add an additional 3 months during the normal operating season to the contract, except no single 3-month addition shall extend the term of a contract by more than 1 year.

In no event shall a revised contract term exceed 10 years as a result of market-related contract term addition.

Additional contract time may not be granted for those portions of the contract that have a required completion date or for those portions of the contract where Contracting Officer determines that the timber is in need of urgent removal or that timber deterioration or resource damage may result from delay.

CT8.23# - ADDITION OF NET GROWTH (08/2004)

In event of Contract Term Extension, net growth shall be added to all uncut designated timber, except on the partially cut Payment Units exempt from redetermined rates under BT3.1. On the partially cut Payment Units to which redetermined rates apply under BT3.1, the Forest Service shall determine the approximate percentages of area remaining uncut. These percentages shall be applied to the original estimates of timber quantity in each Payment Unit to determine the approximate quantity of designated timber remaining in each Payment Unit. The growth percentages listed herein shall be applied to these estimated remaining quantities to obtain total net growth of uncut timber in the partially cut Payment Units. For both un-entered and partially cut Payment Units, the determination of volume subject to addition of growth shall be made as of 45 days prior to the original Termination Date shown in AT12 with no adjustment for any timber subsequently Released for Cutting or cut and removed prior the effective date of Contract Term Extension. Growth shall be calculated on the basis of total number of full growing seasons from 08/02/2010 until the Termination Date, including any Contract Term Adjustment.

Applicable annual growth percents by species or species groups and products are:

See Table CT8.23# - Addition of Net Growth, Percent Growth Table

Payment for the additional growth in partially cut Payment Units for which growth is applicable shall be made prior to the effective date of Contract Term Extension.

Addition of Net Growth

Species	Product	Annual Growth Percent
Southern Yellow Pine	sawtimber	3
Southern Yellow Pine	pulpwood	7

CT8.4 - PERFORMANCE BY OTHER THAN PURCHASER (04/2004)

This provision adds subparagraph (b) (iii) to BT8.4 as follows:

(iii) Specifically assumes in writing the obligations of Purchaser as listed in Small Business Certification executed by Purchaser and attached to and made a part of this contract.

CT8.73 - REQUIREMENT FOR SMALL BUSINESS PROCESSING (04/2004)

To meet the requirements of the small business timber sale set-aside program, Purchaser shall not sell, trade, exchange, or otherwise convey for processing more than 30 percent (50 percent in Alaska) of the advertised sawtimber volume of this sale to a concern that is not a small business within the meaning of the small business size regulations found in 13 CFR 121.507.

Purchaser shall, at the time of execution of this contract, complete the "Small Business Certification" (SBA form 723) and submit it to Contracting Officer. The completed certification together with its provisions pertaining to the disposition, manufacturing, and record keeping requirements of Included Timber by Purchaser and other small business concerns is hereby made a part of this contract.

Upon request of Contracting Officer or an officer of the Small Business Administration, Purchaser shall furnish all records sufficient to verify eligibility and compliance with the requirements of this program. Such records may include employee payroll records, disposition of Included Timber records, and other documents as necessary.

Failure to provide records upon request, filing false information, or making false statements relating to SBA size status or failing to comply with the disposition and manufacturing requirements of Included Timber shall be considered a breach of this Subsection and may result in termination of this contract pursuant to BT9.31.